

METHOD AND DEVICE FOR NOZZLE-INJECTION OF GAS INTO MOLTEN GLASS

ABSTRACT

The invention relates to a method and a device for nozzle-injection of gas into molten glass.

The invention is characterized through the following features:

- the gas stream is introduced into the molten mass in a temporally pulsed throughput;
- the gas stream is interrupted between two sequential pulses;
- the duration of a pulse amounts to less than 1 s.

LEGEND FOR FIG. 1:

- A melt-down area
- B bubbling zone
- C bottom bubbling nozzles
- D feeding of bubbling gas via agitator or fixed pipe
- E for purposes of shaping
- F homogenization